## **EAST Search History**

| Ref#       | Hits | Search Query   | DBs   | Default<br>Operator | Plurals | Time Stamp          |
|------------|------|--|---|---------------------|---------|---------------------|
| S1         | 1    | ("5179573").PN.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO                         | OR                  | OFF     | 2009/06/03<br>11:03 |
| S2         | 0    | ((IAN) near2 (OPPERMAN)).<br>INV.  | USPAT; USOCR  | OR                  | ON      | 2009/06/03<br>11:41 |
| S3         | 1    | ((IAN) near2 (OPPERMAN)).<br>INV.  | US-PGPUB;<br>USPAT  | OR                  | ON      | 2009/06/03<br>11:42 |
| S4         | 4291 | position\$3 and (correlat\$3)<br>with (pseudo or PN or<br>spread\$3 or reference)<br>same (distance or quality)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2009/06/03<br>12:02 |
| <b>S</b> 5 | 426  | position\$3 and (correlat\$3)<br>with (pseudo or PN or<br>spread\$3 or reference)<br>same (distance or quality)<br>same sampl\$4   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2009/06/03<br>12:03 |
| S6         | 683  | position\$3 and (correlat\$3)<br>with (pseudo or PN or<br>spread\$3 or reference)<br>same (distance or quality or<br>delay) same sampl\$4 and<br>@ad<="20031016"                 | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2009/06/03<br>12:03 |
| S7         | 110  | position\$3 and (correlat\$3)<br>with (pseudo or PN or<br>spread\$3 or reference)<br>same (distance or quality or<br>delay) same sampl\$4 same<br>peak\$3 and<br>@ad<="20031016" | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2009/06/03<br>12:04 |
| S8         | 2    | "US 20080089393"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT                          | OR                  | ON      | 2009/06/03<br>13:02 |
| S9         | 1    | ("6233522").PN.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO                         | OR                  | OFF     | 2009/06/03<br>13:15 |
| S10        | 1    | ("5420592").PN.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO                         | OR                  | OFF     | 2009/06/03<br>13:18 |

| S13         | 38  | (GPS or GNSS or<br>(positioning)) and (correlat<br>\$5) with (PN or pseudo or<br>reference or local or code)<br>and rough and fine and<br>oversampl\$5   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/03<br>13:24 |
|-------------|-----|--|---|----|----|---------------------|
| S14         | 38  | (GPS or (positioning)) and (correlat\$5) with (PN or pseudo or reference or local or code) and rough and fine and oversampl\$5   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/03<br>13:25 |
| <b>S</b> 15 | 113 | (GPS or (positioning)) and (correlat\$5) with (PN or pseudo or reference or local or code) and (rough or coarse) and fine and oversampl\$5   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/03<br>13:25 |
| S16         | 160 | (GPS or satellite or (positioning)) and (correlat \$5) with (PN or pseudo or reference or local or code) and (rough or coarse) and fine and oversampl\$5   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/03<br>13:26 |
| S17         | 82  | (GPS or satellite or (positioning)) and (correlat \$5) with (PN or pseudo or reference or local or code) and (rough or coarse) and fine and oversampl\$5 and @ad<="20031016"   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/03<br>13:26 |
| S18         | 79  | ("4361875"   "4581606"   "4754255"   "4785463"   "4799062"   "4977577"   "4983970"   "5067136"   "5095493"   "5119396"   "5252966"   "5265120"   "5311541"   "5377222"   "5408217"   "5457713"   "5598427"   "5610939"   "5625338"   "5625639"   "5627856"   "5638362"   "5640416"   "5652592"   "5661750"   "5687190"   "5909193").PN. OR ("6639939").URPN. | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/06/03<br>13:34 |
| S19         | 2   | (GPS or satellite) and<br>(coarse or rough) same chip<br>\$3 and fine with oversampl<br>\$5  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/03<br>13:42 |

| S20 | 3   | (GPS or satellite or positioning) and (coarse or rough) and chip\$3 with uncertain\$4 and fine and oversampl\$5  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/03<br>13:43 |
|-----|-----|--|---|----|----|---------------------|
| S21 | 137 | (GPS or satellite or positioning) and select\$3 near code with chip\$3   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/03<br>13:45 |
| S22 | 102 | (GPS or satellite or positioning) and select\$3 near code with chip\$3 and @ad<="20031016"   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/03<br>13:45 |
| S23 | 25  | ("20020050944"   "4527278"   "5090028"   "5414729"   "5426665"   "5579338"   "5663734"   "5727018"   "5812593"   "5828694"   "5896304"   "5897605"   "5901171"   "5945948"   "6163567"   "6208292"   "6252863"   "6289041"   "6313786"   "6370208"   "6393046"   "6650692").PN. OR ("7006556").URPN. | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/06/03<br>13:47 |
| S24 | 3   | (GPS or satellite or positioning) and select\$3 near code with chip\$3 and (oversampl\$3 or over-sampl\$3 or over\$2sampl\$3) and @ad<="20031016"  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/03<br>15:14 |
| S25 | 76  | (GPS or satellite or positioning) and select\$3 near code with chip\$3 and (sampl\$5) and @ad<="20031016"  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/03<br>15:14 |
| S26 | 9   | (GPS or satellite or positioning) and select\$3 near code with chip\$3 same (sampl\$5) and @ad<="20031016"   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/03<br>15:15 |

| S28 | 146 | (GPS or satellite or positioning) and code near acquisition same fine and @ad<="20031016"   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/06/03<br>15:27 |
|-----|-----|---|---|----|-----|---------------------|
| S30 | 45  | (GPS or satellite or positioning) and (code near acquisition) same correlat\$5 with (PN or reference or local or reference or pseudo) and (A/D) with rate and @ad<="20031016"     | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/06/03<br>15:28 |
| S32 | 30  | (GPS or satellite or positioning) and (code) same correlat\$5 with (PN or reference or local or reference or pseudo) and over-sampl\$5 and @ad<="20031016"                        | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/06/03<br>15:32 |
| S33 | 279 | (gps or satellite or gnss) and (correlat\$5 with ((spread\$5 or pseudo or PN or local or reference) near (code or sequence\$3))) same chip\$3 same sample \$5                     | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/06/04<br>09:36 |
| S34 | 195 | (gps or satellite or gnss) and (correlat\$5 with ((spread\$5 or pseudo or PN or local or reference) near (code or sequence\$3))) same chip\$3 same sample \$5 and @ad<="20031016" | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/06/04<br>09:36 |
| S35 | 643 | ((375/141) or (375/<br>E01.002) or (455/456.100)).<br>CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO                         | OR | OFF | 2009/06/04<br>10:44 |
| S36 | 344 | S35 and (gps or satellite or position\$4)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/06/04<br>10:44 |
| S37 | 266 | S35 and (gps or satellite or position\$4) and @ad<="20031016"   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/06/04<br>10:44 |

| S38 | 196 | S35 and (gps or satellite or position\$4) and correlat\$5 and @ad<="20031016"   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/04<br>10:45 |
|-----|-----|---|---|----|----|---------------------|
| S39 | 8   | \$35 and (gps or satellite or position\$4) and correlat\$5 with (tim\$3 or distance or delay) same (uncertain\$3) and @ad<="20031016"   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/04<br>10:56 |
| S40 | 16  | (gps or satellite or position<br>\$4) and correlat\$5 with (chip<br>\$3) same (tim\$3 or distance<br>or delay) same over-sampl<br>\$3 and @ad<="20031016"   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/04<br>11:26 |
| S41 | 54  |   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/04<br>11:26 |
| S42 | 51  | (gps or satellite or position<br>\$4) and correlat\$5 with (chip<br>\$3) same (tim\$3 or distance<br>or delay) same peak and<br>(over-sampl\$3 or over<br>\$2sampl\$3 or oversampl\$3)<br>and @ad<="20031016" | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/04<br>11:27 |
| S43 | 48  | ("4426712"   "4894842"  <br>"4910752"   "4998111"  <br>"5329549"   "5420593"  <br>"5448773"   "5781156"  <br>"5872810").PN. OR<br>("6028883").URPN.   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/06/04<br>13:06 |

## 6/7/2009 9:35:56 PM

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